

Table 1 - New RBR#B**Data reflects RTM baseline of 3/14/97**

RBR_id	req_key	req_categor y	segment	req_type	s_verif_me thod	s_verif_sta t	a_verif_me thod	a_verif_sta t	CCR	text
DADS0472# B	<u>new</u>	<u>mission essential</u>	<u>SDPS</u>	<u>functional</u>	<u>test</u>	<u>un-verified</u>	<u>test</u>	<u>un-verified</u>		The ECS DADS shall provide the capability to temporarily store and provide access to an average of 4 scenes per day up to maximum of 10 scenes per day of ASTER Level 1A and 1B expedited data.

Table 2 - New Release B DSS Level 4 Requirements**Data reflects RTM baseline of 3/14/97**

L4 id	rel	req_type	req_status	ver_method	ver_status	CCR	text
S-DSS-03292	B0	functional	approved	demo	unverified		The SDSRV CI shall provide the capability to process Data Insert Requests for the storage of the metadata and data (if any), for the data types specified in the Data Type Services Matrix.
S-DSS-03295	B0	functional	approved	demo	unverified		The SDSRV CI shall verify that scientist-provided data and metadata, specified by a valid Data Insert Request, complies with ESDIS approved standards for metadata and file content.
S-DSS-03305	B0	functional	approved	demo	unverified		The SDSRV CI shall store metadata, specified by valid Data Insert Requests, into the Metadata Database.
S-DSS-03308	B0	functional	approved	demo	unverified		The SDSRV CI shall direct the transfer of data files, specified by valid Data Insert Requests, to the STMGT CI.
S-DSS-20000	B0	functional	approved	demo	unverified		The STMGT CI shall accept and store data files into the archive, as specified by requests received from the SDSRV CI.

Table 3 - Release B DADS RBR Changes

Data reflects RTM baseline of 3/14/97

RBR_id	req_ke y	req _ca teg ory	se g m en t	req_t ype	s_ve rif_ met hod	s_veri f_stat	a_veri f_met hod	a_veri f_stat	C C R	text	interpretation text	clarifi catio n
DADS04 70#B	3498	mis sion ess enti al	S D P S	func tion al	test	un- verifi ed	test	un- verifi ed		The EDC DADS shall provide storage for the following Landsat 7 data: a. Level OR data b. Associated metadata and browse c. IGS metadata and browse d. Associated calibration and metadata e. Calibration updates and metadata f. Documents g. Algorithms h. Activity Calendar i. Engineering Data		
DADS01 30#B	9073	mis sion crit ical	S D P S	func tion al	test	un- verifi ed	test	un- verifi ed		Each DADS shall receive from the EDOS and SDPF , at a minimum, the following: a. Production data (L0) b. Expedited data	B: ONLY THE GSFC AND LARC DAACS WILL INTERFACE WITH EDOS	
DADS01 45#B	9074	mis sion crit ical	S D P S	func tion al	test	un- verifi ed	test	un- verifi ed		Each DADS shall be capable of receiving from the ADCs, at a minimum, the following for the purpose of product generation: a. L0-L4 equivalent data sets b. Metadata	<u>In accordance with the ICD with NOAA, there are no current plans to receive from NOAA either calibration data, correlative data, algorithms or documents (items d through f).</u>	

									c. Ancillary data d. Calibration data e. Correlative data f. Documents g. Algorithms		
DADS01 70#B	3469	mission essential	S D P S	functional	test	un-verifi ed	test	<u>un- verifi ed</u>	Each DADS shall be capable of receiving from designated EPDSs and ODCs, at a minimum, the following: a. L0-L4 data sets b. Metadata c. Ancillary data d. Calibration data e. Correlative data f. Documents g. Algorithms	In accordance with the ICD with the <u>Landsat project (the only identified EPDS to date)</u> , there is no current plan to receive correlative data (item e). These are also currently no defined ODCs.	

Table 4 - Modify Level 4s**Data reflects RTM baseline of 3/14/97**

L4 id	req_key	rel	req_type	req_status	ver_m ethod	ver_status	CCR	clarification	text
S-DSS-02500	11259	A	functional	approved	test	unverified			The SDSRV CI shall provide the capability to define new Earth Science Data Types. <u>The SDSRV CI shall provide the capability to implement services for new data types, including data insert services, search services, and data distribution services.</u>
S-DSS-03370	3460	A <u>B0</u>	functional	approved	demo	<u>unverified</u>			Upon receipt of data types the SDSRV CI shall perform data type specific checking. <u>The SDSRV CI shall perform consistency and correctness checks for the data and metadata, specified in each valid Data Insert Request.</u>

Table 5 - Link Level 4 Requirements to DADS RBR#B**Data reflects RTM baseline of 3/14/97**

RBR_id	L4 id
ASTER-0100#B	S-DSS-03292
ASTER-0100#B	S-DSS-03305
ASTER-0100#B	S-DSS-03308
ASTER-0100#B	S-DSS-20000
ASTER-0700#B	S-DSS-03292
ASTER-0700#B	S-DSS-03305
ASTER-0700#B	S-DSS-03308
ASTER-0700#B	S-DSS-20000
DADS0120#B	S-DSS-03292
DADS0120#B	S-DSS-03305
DADS0120#B	S-DSS-03308
DADS0120#B	S-DSS-20000
DADS0130#B	S-DSS-03292

DADS0130#B	S-DSS-03305
DADS0130#B	S-DSS-03308
DADS0130#B	S-DSS-20000
DADS0140#B	S-DSS-03292
DADS0140#B	S-DSS-03305
DADS0140#B	S-DSS-03308
DADS0140#B	S-DSS-20000
DADS0145#B	S-DSS-03292
DADS0145#B	S-DSS-03305
DADS0145#B	S-DSS-03308
DADS0145#B	S-DSS-20000
DADS0150#B	S-DSS-03292
DADS0150#B	S-DSS-03305
DADS0150#B	S-DSS-03308
DADS0150#B	S-DSS-20000
DADS0160#B	S-DSS-03292
DADS0160#B	S-DSS-03305
DADS0160#B	S-DSS-03308

DADS0160#B	S-DSS-20000
DADS0170#B	S-DSS-03292
DADS0170#B	S-DSS-03305
DADS0170#B	S-DSS-03308
DADS0170#B	S-DSS-20000
DADS0175#B	S-DSS-03292
DADS0175#B	S-DSS-03305
DADS0175#B	S-DSS-03308
DADS0175#B	S-DSS-20000
DADS0180#B	S-DSS-03292
DADS0180#B	S-DSS-03305
DADS0180#B	S-DSS-03308
DADS0180#B	S-DSS-20000
DADS0190#B	S-DSS-03292
DADS0190#B	S-DSS-03305
DADS0190#B	S-DSS-03308
DADS0190#B	S-DSS-20000
DADS0200#B	S-DSS-03292

DADS0200#B	S-DSS-03305
DADS0200#B	S-DSS-03308
DADS0200#B	S-DSS-20000
DADS0210#B	S-DSS-03292
DADS0210#B	S-DSS-03305
DADS0210#B	S-DSS-03308
DADS0210#B	S-DSS-20000
DADS0220#B	S-DSS-03292
DADS0220#B	S-DSS-03305
DADS0220#B	S-DSS-03308
DADS0220#B	S-DSS-20000
DADS0260#B	S-DSS-03292
DADS0260#B	S-DSS-03305
DADS0260#B	S-DSS-03308
DADS0260#B	S-DSS-20000
DADS0290#B	S-DSS-03370
DADS0320#B	S-DSS-03295
DADS0440#B	S-DSS-03292

DADS0440#B	S-DSS-03305
DADS0440#B	S-DSS-03308
DADS0440#B	S-DSS-20000
DADS0450#B	S-DSS-03292
DADS0450#B	S-DSS-03305
DADS0450#B	S-DSS-03308
DADS0450#B	S-DSS-20000
DADS0460#B	S-DSS-03292
DADS0460#B	S-DSS-03305
DADS0460#B	S-DSS-03308
DADS0460#B	S-DSS-20000
DADS0465#B	S-DSS-03292
DADS0465#B	S-DSS-03305
DADS0465#B	S-DSS-03308
DADS0465#B	S-DSS-20000
DADS0470#B	S-DSS-03292
DADS0470#B	S-DSS-03305
DADS0470#B	S-DSS-03308

DADS0470#B	S-DSS-20000
DADS0472#B	S-DSS-03292
DADS0472#B	S-DSS-03305
DADS0472#B	S-DSS-03308
DADS0472#B	S-DSS-20000
DADS0490#B	S-DSS-03292
DADS0490#B	S-DSS-03305
DADS0490#B	S-DSS-03308
DADS0490#B	S-DSS-20000
DADS1235#B	S-DSS-03292
DADS1235#B	S-DSS-03305
DADS1235#B	S-DSS-03308
DADS1235#B	S-DSS-20000
EOSD1750#B	S-DSS-03292
EOSD1750#B	S-DSS-03305
EOSD1750#B	S-DSS-03308
EOSD1750#B	S-DSS-20000
EOSD5240#B	S-DSS-02500

<u>IMS-0450#B</u>	<u>S-DSS-03292</u>
<u>IMS-0450#B</u>	<u>S-DSS-03305</u>
<u>IMS-0450#B</u>	<u>S-DSS-03370</u>
<u>V0-0340#B</u>	<u>S-DSS-03292</u>

Table 6 - Delete RBR#B**Data reflects RTM baseline of 3/14/97**

RBR_id	req_key	R e y 1	req_categor	segment	req_type	s_verif_met hod	s_verif_stat	a_verif_met hod	a_verif_ stat	C C R	text
DADS0 475#B	6125		mission essential	SDPS	functional	test	un-verified	test			The DADS shall provide storage for the following TRMM data: a. L1A-L4 equivalent data products b. Associated correlative data sets c. Associated ancillary data sets d. Associated calibration data sets e. Associated metadata f. Documents g. Algorithms

Table 7 - Level 4 Requirements To Delete
Data reflects RTM baseline of 3/14/97

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-00080	-3225	A	functional	approved	demo				The SDSRV CI shall process Data Insert Requests that request the storage of Data Products and associated Metadata.
S-DSS-00090	-3226	A	functional	approved	demo				The SDSRV CI shall validate that each Data Insert Request contains a List of Data Files.
S-DSS-03006	-8797	B0	functional	approved	test	unverified	96-1353A		The SDSRV CI shall be capable of receiving Metadata associated with Ancillary Data.
S-DSS-03020	-3431	A	functional	approved	demo				The SDSRV CI shall be capable of receiving Metadata associated with Calibration Data.
S-DSS-03040	-3433	A	functional	approved	demo				The SDSRV CI shall be capable of receiving Metadata associated with Science Software Archive Packages.
S-DSS-03050	-11939	B0	functional	approved	test	unverified	97-0013A		The SDSRV CI shall be capable of receiving FDF Orbit Data for the AM-1 spacecraft.
S-DSS-03100	-11940	B0	functional	approved	test	unverified	97-0013A		The SDSRV CI shall be capable of receiving FDF Metadata for Orbit data for the AM-1 spacecraft.
S-DSS-03120	-3438	A	functional	approved	demo				The SDSRV CI shall be capable of receiving Metadata associated with Instrument Calibration Data.
S-DSS-03160	-3443	A	functional	approved	demo				The SDSRV CI shall be capable of receiving Metadata associated with Instrument Historical Data.
S-DSS-	-9728	A	functional	approved	demo				The SDSRV CI shall be capable of receiving validated

03170								Inventory Data:
S-DSS-03200	-8804	B0	functional	approved	test	unverified	96-1353A	The SDSRV CI shall be capable of receiving Metadata associated with Orbit/Attitude data.
S-DSS-03260	-3450	A	functional	approved	demo			The SDSRV CI shall be capable of receiving Metadata associated with QA Statistics.
S-DSS-03280	-3452	A	functional	approved	demo			The SDSRV CI shall be capable of receiving Metadata associated with scientific calibration data.
S-DSS-03310	-9729	A	functional	approved	demo			The SDSRV CI shall be capable of receiving correlative data.
S-DSS-03320	-9730	A	functional	approved	demo			The SDSRV CI shall be capable of receiving Metadata associated with correlative data.
S-DSS-03330	-11941	B1	functional	approved	test	unverified	97-0013A	The SDSRV CI shall be capable of receiving Special Data Products.
S-DSS-03340	-11942	B1	functional	approved	test	unverified	97-0013A	The SDSRV CI shall be capable of receiving Metadata associated with Special Data Products.
S-DSS-03350	-3458	A	functional	approved	demo			The SDSRV CI shall be capable of receiving V0 Migration Data in native format
S-DSS-03360	-3459	A	functional	approved	demo			The SDSRV CI shall be capable of receiving Metadata associated with V0 Migration Data in native format
S-DSS-03361	-11943	B0	functional	approved	test	unverified	97-0013A	The SDSRV CI shall be capable of receiving NMC data.
S-DSS-03362	-11944	B1	functional	approved	test	unverified	97-0013A	The SDSRV CI shall be capable of receiving First Look Products from the DAO.
S-DSS-03363	-11945	B1	functional	approved	test	unverified	97-0013A	The SDSRV CI shall be capable of receiving Reanalysis Products from the DAO.

S-DSS-03364	-11946	B1	functional	approved	test	unverified	97-0013A		The SDSRV CI shall be capable of receiving Final Analysis Products from the DAO.
S-DSS-03380	-3461	A	functional	approved	demo				Upon receipt of valid data types the SDSRV CI shall pass the data to the STMGT CI.
S-DSS-20020	-3615	A	functional	approved	demo				The STMGT CI shall accept Insert Requests for insertion of data into the archive.

Table 8 - Delink Level 4 Requirements From DADS RBR#B**Data reflects RTM baseline of 3/14/97**

RBR_id	L4 id
DADS0130#B	S-INS-00520
DADS0130#B	S-INS-00530
DADS0130#B	S-INS-00990